

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: TILLEY; Robert

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EXAMINER: Jacyna, J.C.

TITLE: SAW BLADE LUBRICATING APPARATUS

Amendment A: CLAIM AMENDMENTS

Claims 1 - 20 (canceled). These claims are canceled by the present amendment.

21. (new) A saw blade lubricating apparatus comprising:

a barrel having an outlet at one end thereof;

a drive means cooperative with said barrel;

a dispenser block interconnected to said barrel, said dispenser block having a wax inlet and a wax outlet;

a valve positioned in or on said dispenser block, said valve selectively movable between a first position allowing wax flow between said wax inlet and said wax outlet and a second position blocking wax flow between said wax inlet and said wax outlet;

a wax stick received within said barrel, said drive means acting on said wax stick so as to extrude the wax from said wax stick outwardly of said outlet of said barrel;

a tube having said wax stick therein, said tube having an outer diameter less than an inner diameter of said barrel; and

a piston positioned at one end of said tube, said drive means acting on said piston for extruding the wax outwardly of said outlet.

22. (new) The apparatus of Claim 21, said barrel having said outlet extending through a

fitting applied to said one end of said barrel, said fitting releasably retained by a quick disconnect coupling at said one end.

23. (new) The apparatus of Claim 21, said drive means having a piston extending into said barrel, said drive means for forcibly pushing said piston through an interior of said barrel.

24. (new) The apparatus of Claim 23, said drive means comprising:

a motor positioned adjacent said barrel; and

a gear box drivingly connected to said piston, said motor drivingly connected to said gear box.

25. (new) The apparatus of Claim 21, further comprising:

a conduit affixed at one end to said outlet of said barrel and connected at an opposite end to said dispenser block.

26. (new) A saw blade lubricating apparatus comprising:

a barrel having an outlet at one end thereof;

a drive means cooperative with said barrel for extruding wax outwardly of said outlet of said barrel;

a dispenser block interconnected to said barrel, said dispenser block having a wax inlet and a wax outlet;

a valve positioned in or on said dispenser block, said valve selectively movable between a first position allowing wax flow between said wax inlet and said wax outlet and second position blocking wax flow between said wax inlet and said wax outlet, said dispenser block having a channel extending therein, said wax outlet comprising a first wax outlet in communication with said channel and a second wax outlet in communication with said channel, said first wax outlet

facing said second wax outlet in spaced relationship thereto, said valve being positioned in said channel, said valve having a crank arm extending therefrom; and

a first solenoid connected to said crank arm so as to selectively move said valve between said first and second positions.

27. (new) The apparatus of Claim 26, further comprising:

a second solenoid connected on an opposite side of said crank arm from said first solenoid, one of said first and second solenoids for moving said crank arm in one direction, the other of said first and second solenoids for moving said crank arm in an opposite direction.

28. (new) A saw blade lubricating apparatus comprising:

a barrel having an outlet at one end thereof;

a drive means cooperative with said barrel for extruding wax outwardly of said outlet of said barrel;

a dispenser block interconnected to said barrel, said dispenser block having a wax inlet and a wax outlet;

a valve positioned in or on said dispenser block, said valve selectively movable between a first position allowing wax flow between said wax inlet and said wax outlet and second position blocking wax flow between said wax inlet and said wax outlet, said dispenser block having a channel extending therein, said wax outlet comprising a first wax outlet in communication with said channel and a second wax outlet in communication with said channel, said first wax outlet facing said second wax outlet in spaced relationship thereto, said dispenser block having a manifold area connected to said channel, said manifold area being in communication with each of said first and second wax outlets.